

FIG. 1  
(PRIOR ART)

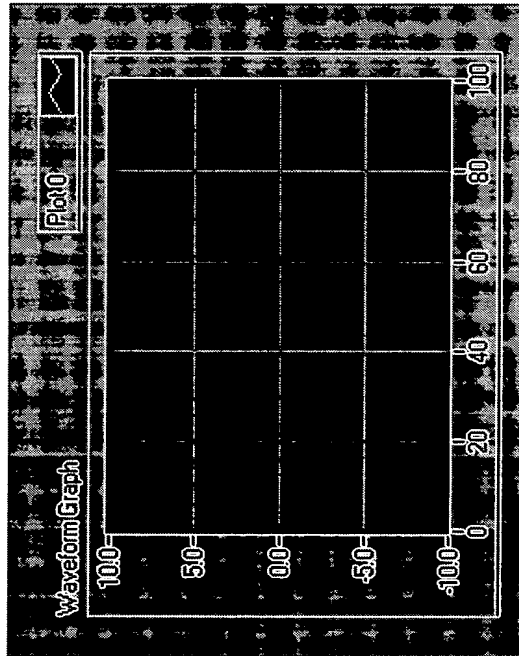
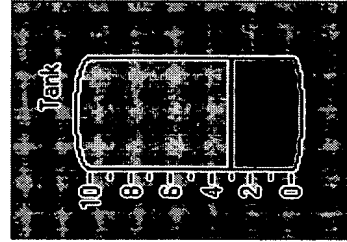
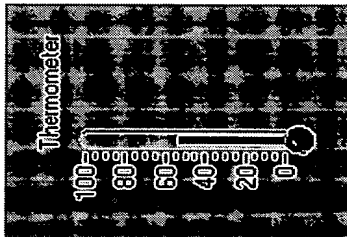
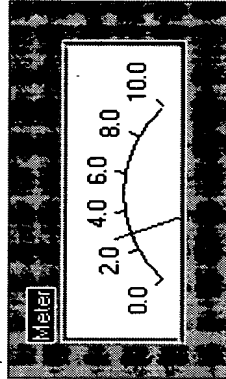


FIG. 2  
(PRIOR ART)

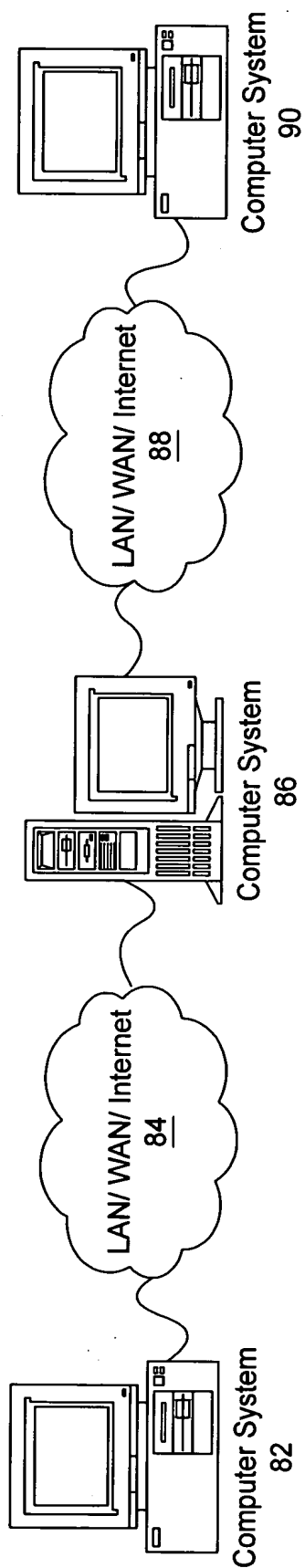


FIG. 3A

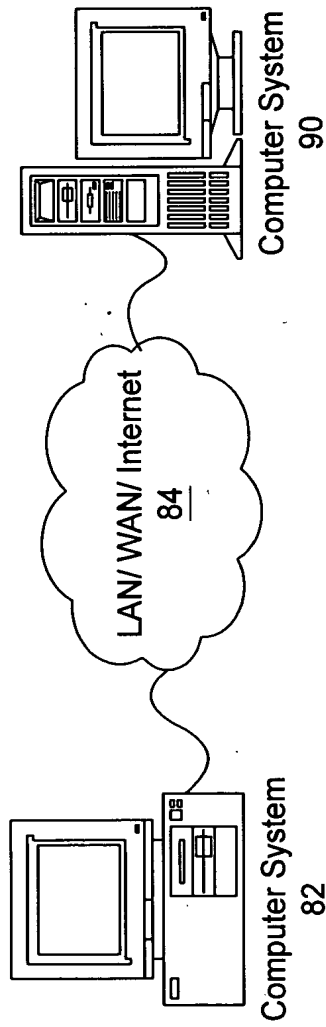


FIG. 3B



**FIG. 4A**

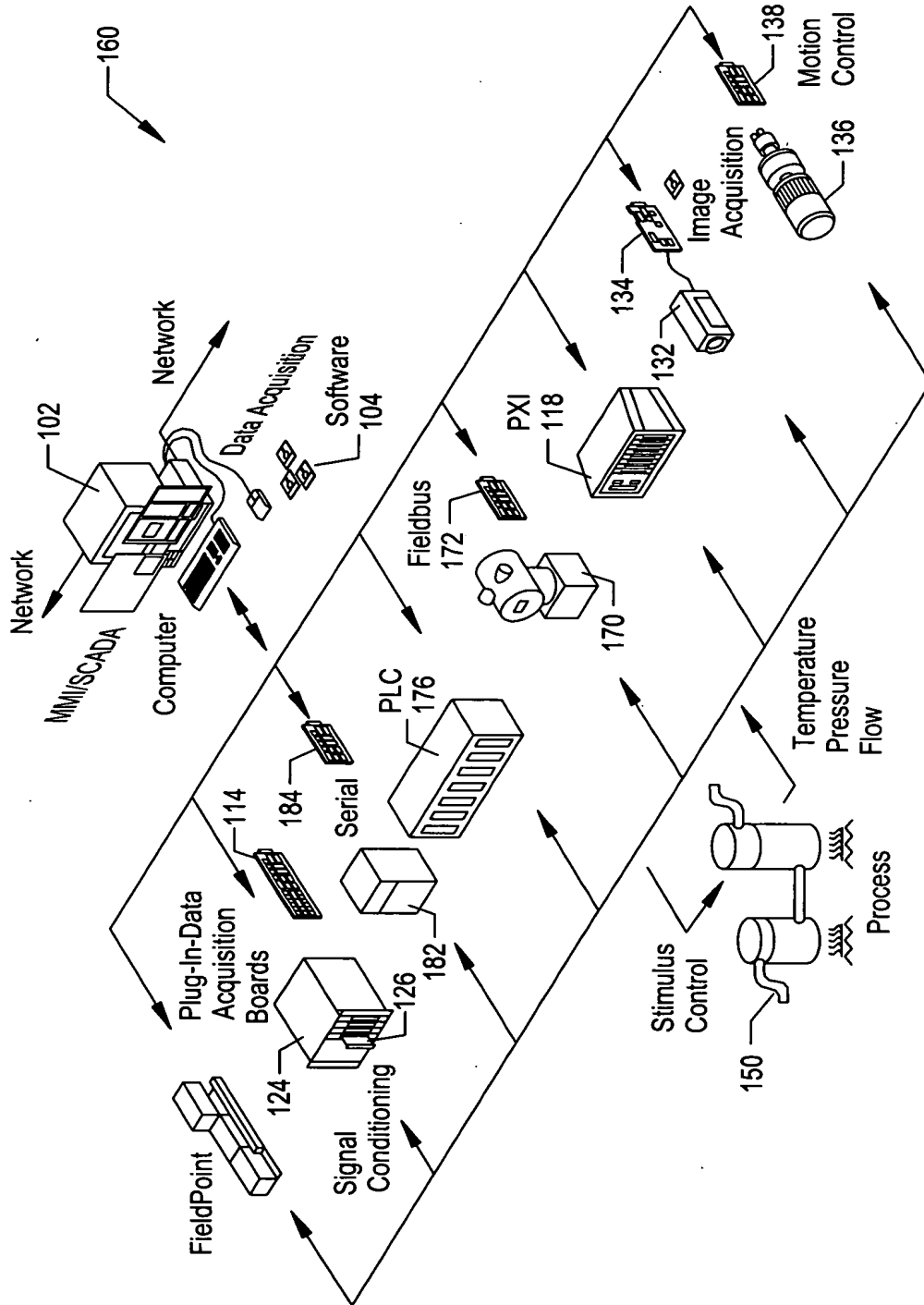


FIG. 4B

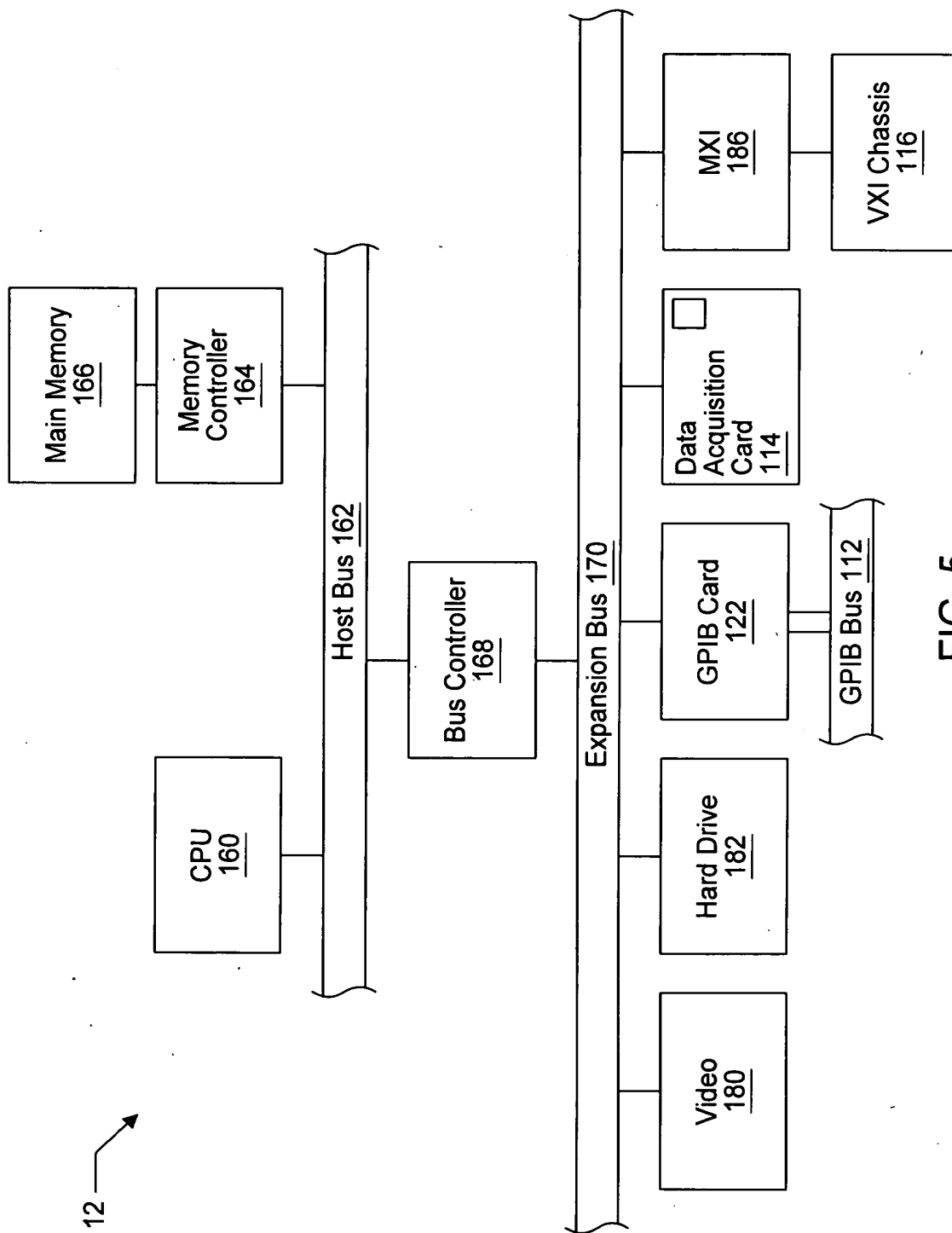


FIG. 5

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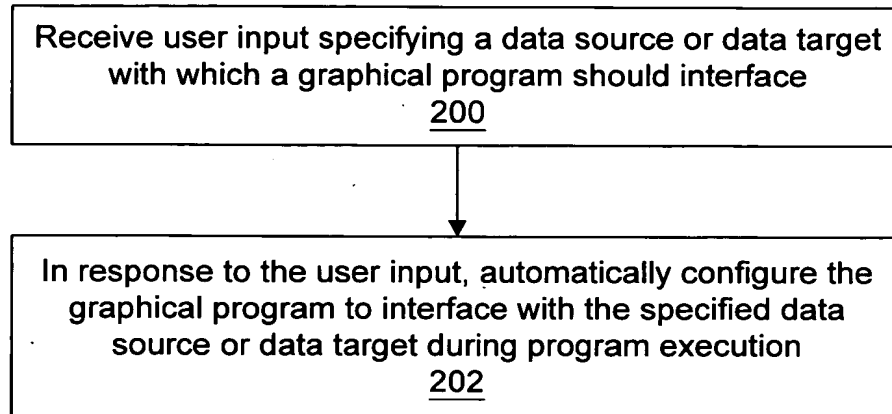


FIG. 6

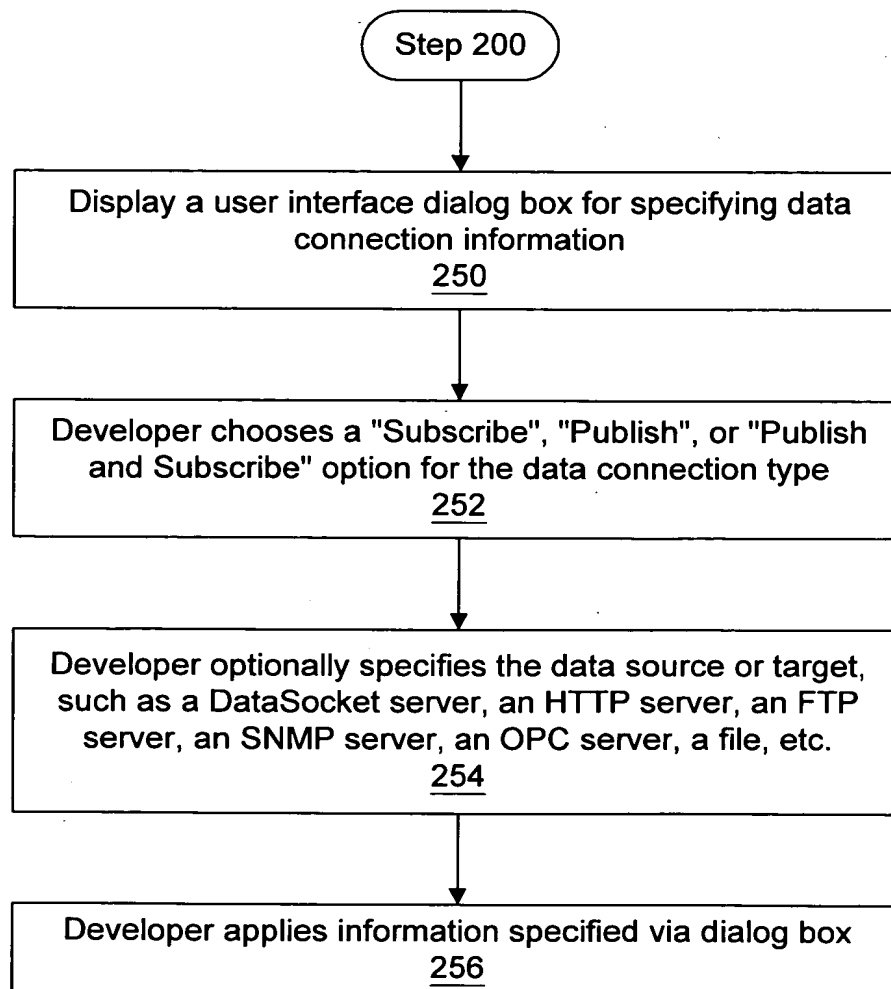


FIG. 7

09737523.1 21300



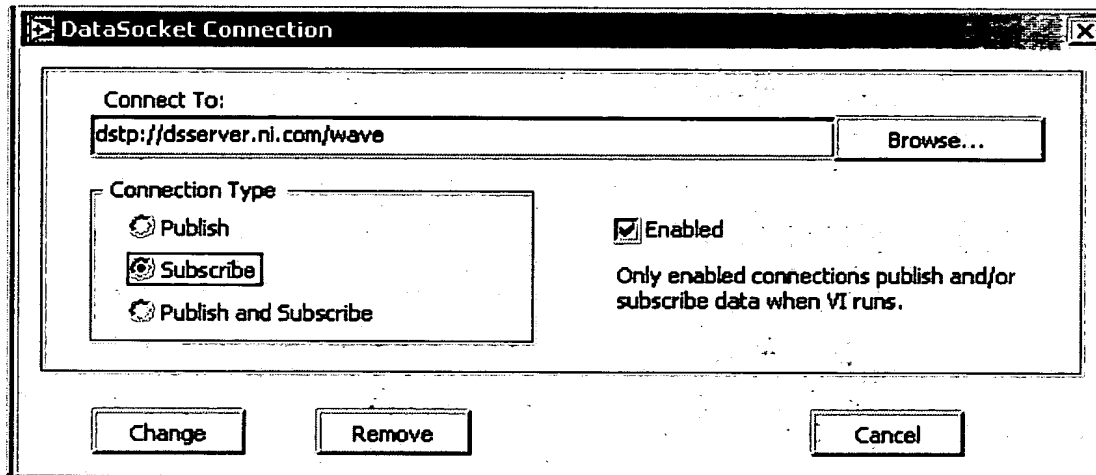


FIG. 8

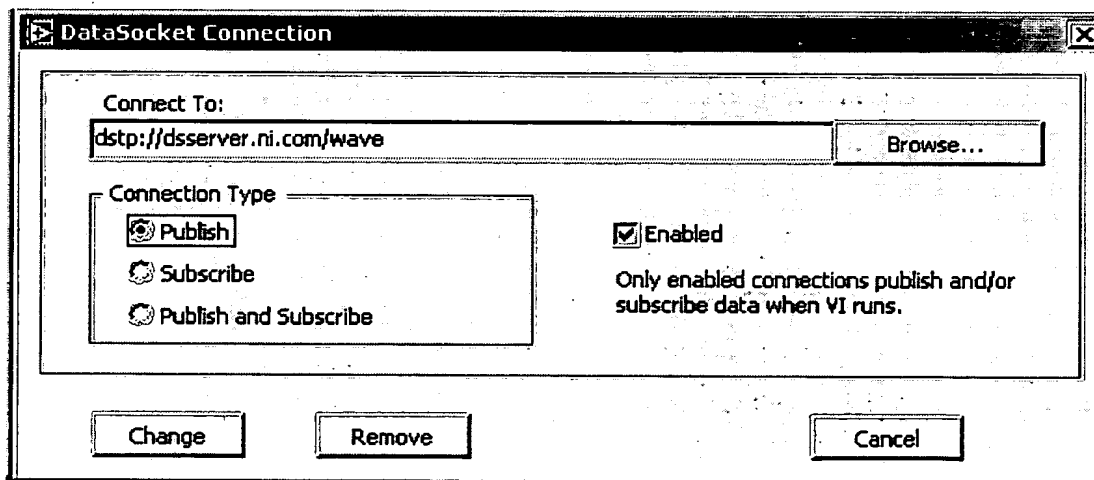


FIG. 9

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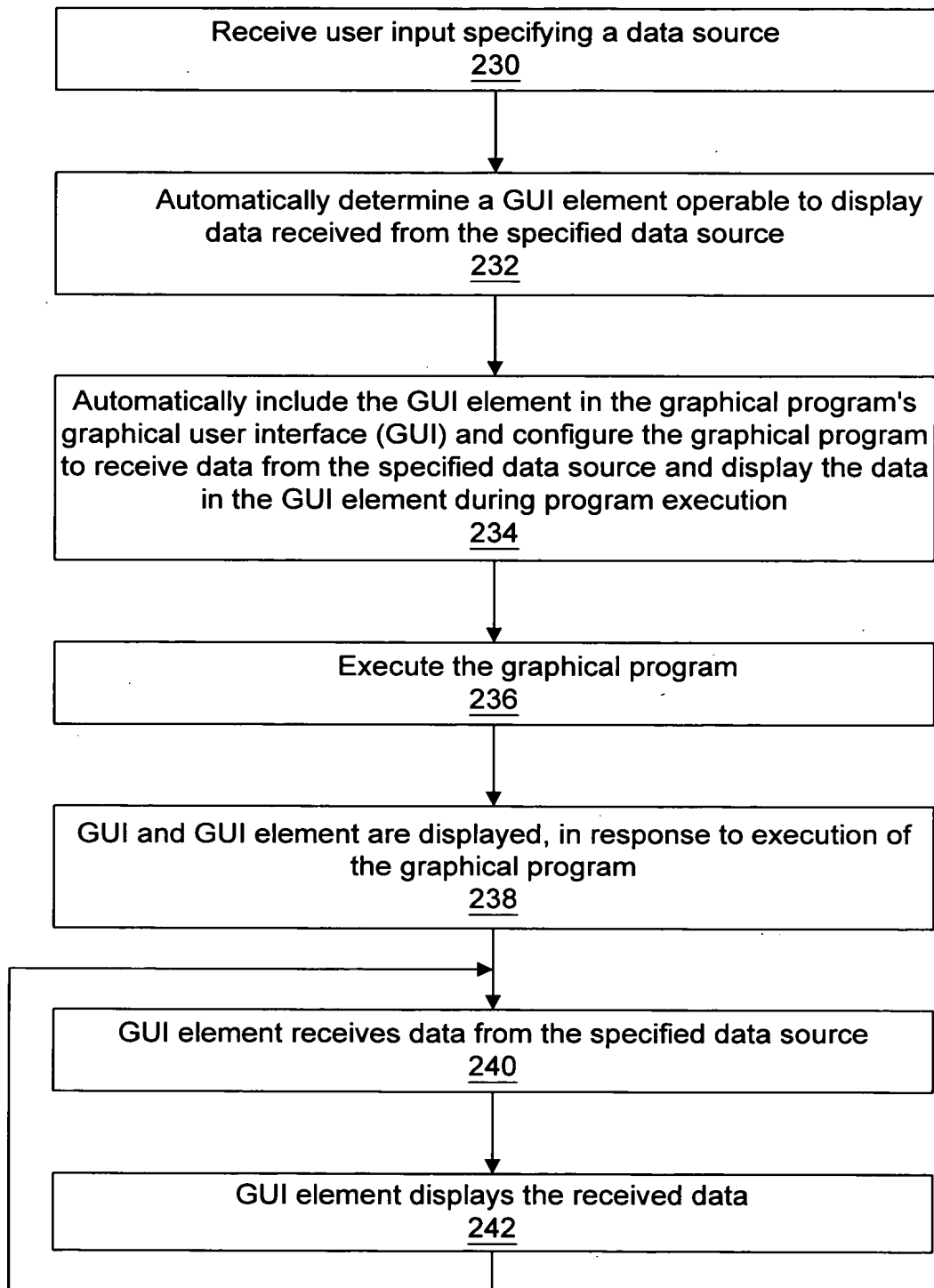


FIG. 10

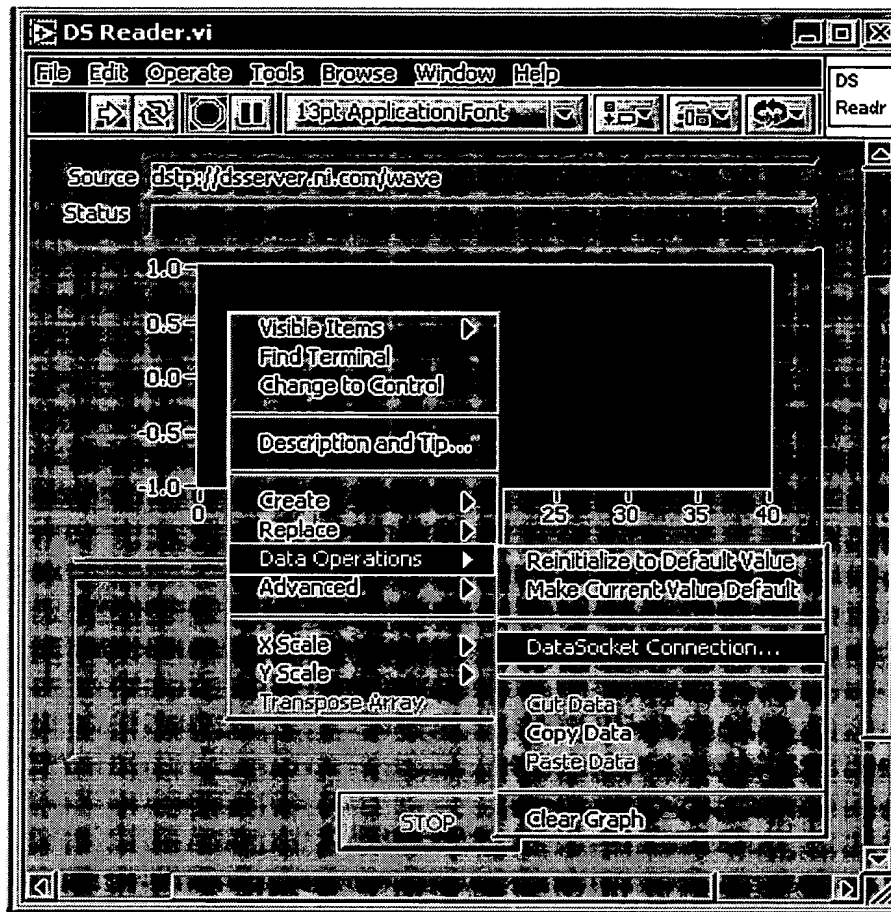


FIG. 11

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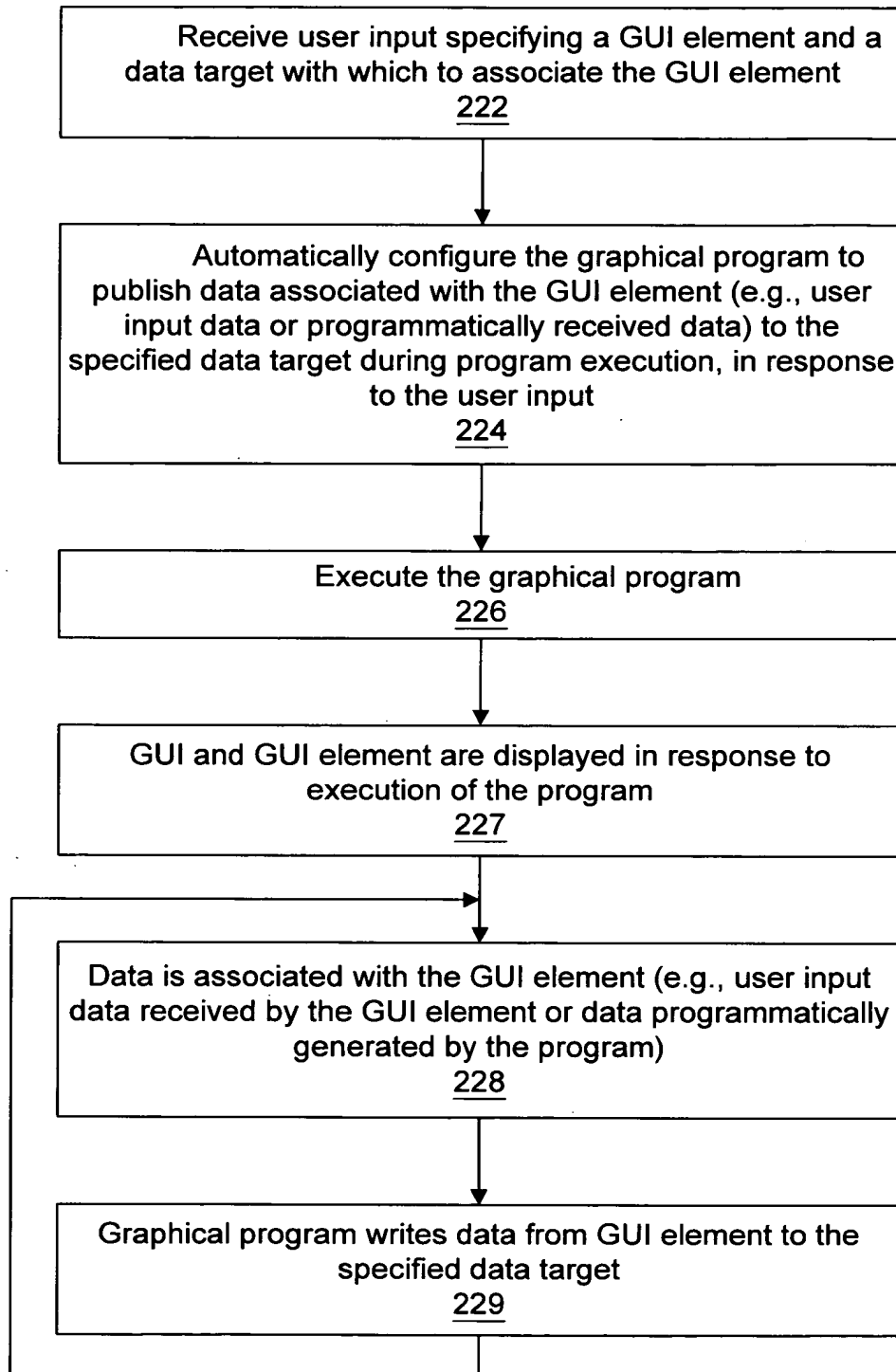


FIG. 12

09737523.121300

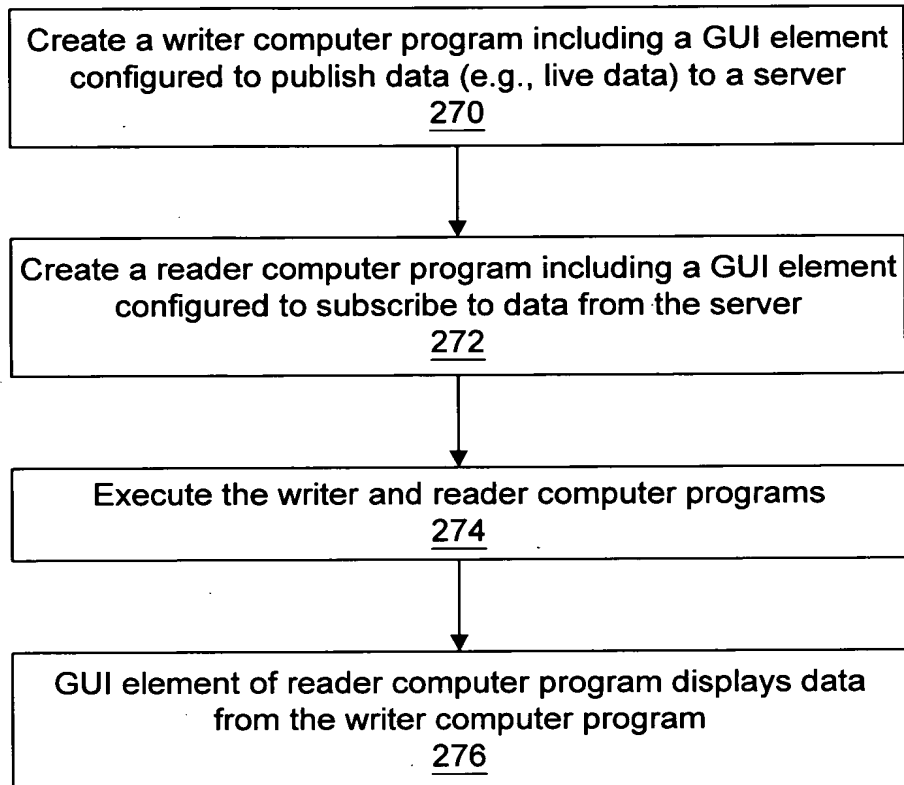


FIG. 13



All we need to do is to keep VI running.

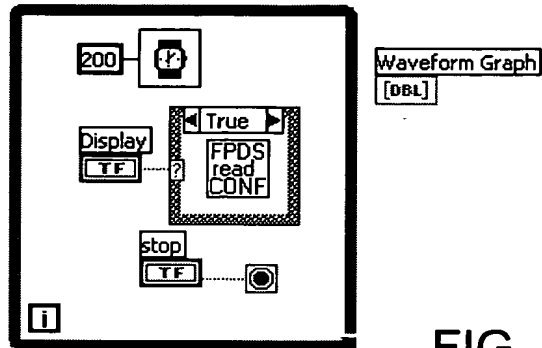


FIG. 16

loop 500

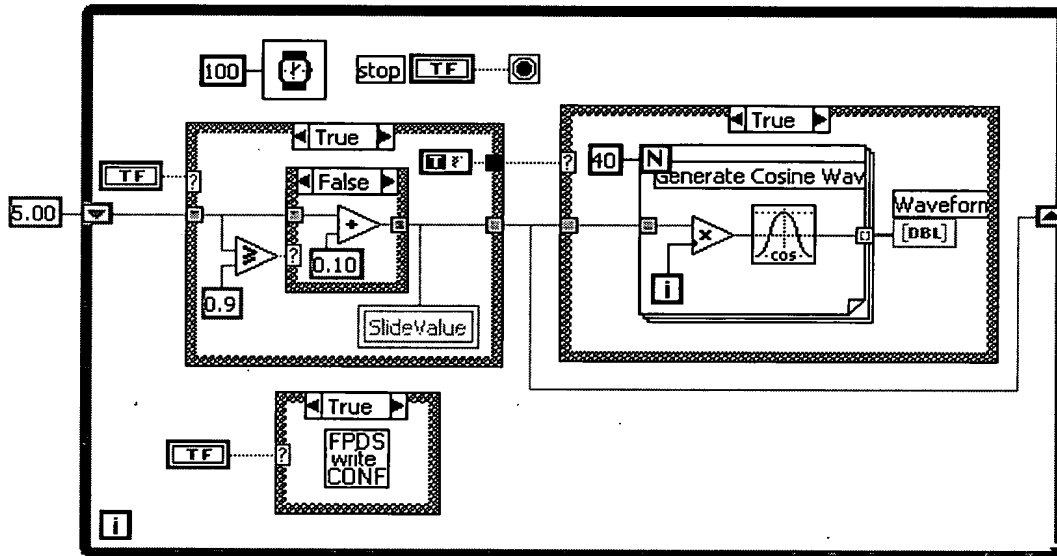


FIG. 17

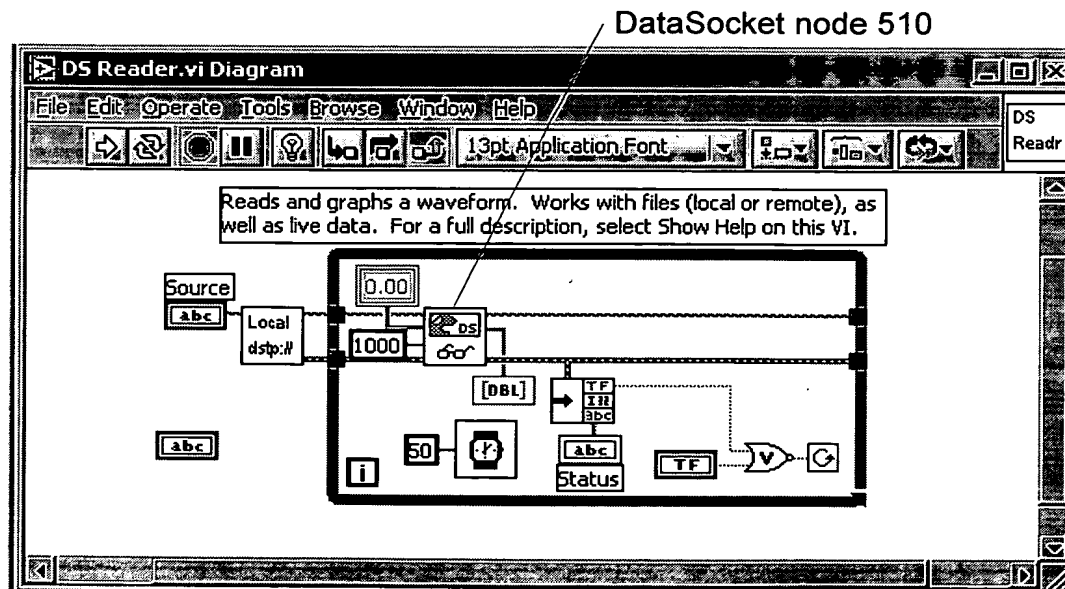


FIG. 18

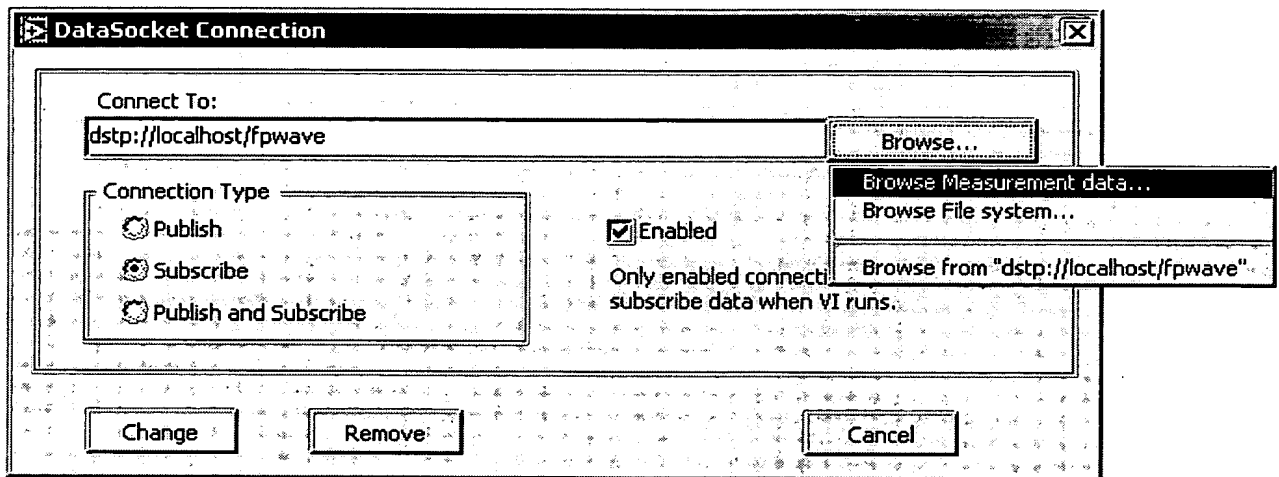


FIG. 19

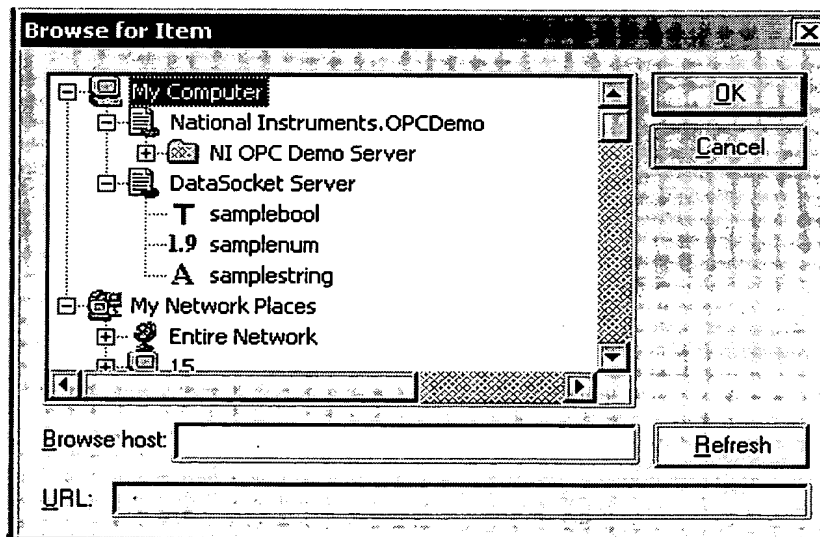
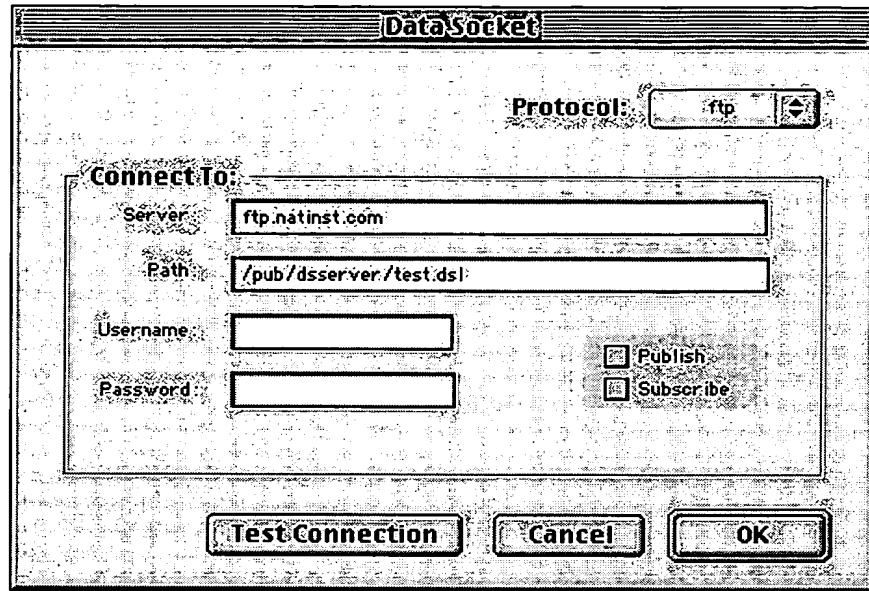


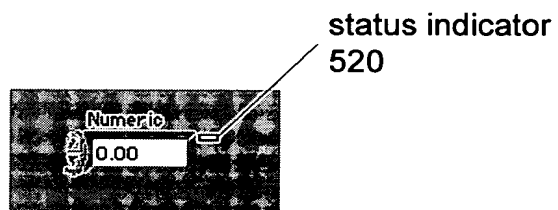
FIG. 20





The image shows a 'DataSocket' dialog box. At the top right, there is a 'Protocol:' label followed by a dropdown menu showing 'ftp'. Below this is a 'Connect To:' section containing four input fields: 'Server' with the text 'ftp.natinst.com', 'Path' with the text '/pub/dsserver/test.dsl', 'Username' (empty), and 'Password' (empty). To the right of these fields are two checkboxes: 'Publish' and 'Subscribe'. At the bottom of the dialog are three buttons: 'Test Connection', 'Cancel', and 'OK'.

FIG. 21



The image shows a 'Numeric' status indicator. It consists of a small icon of a person on the left, followed by a rectangular box containing the text '0.00'. A line points from the label 'status indicator 520' to the right side of the box.

FIG. 22

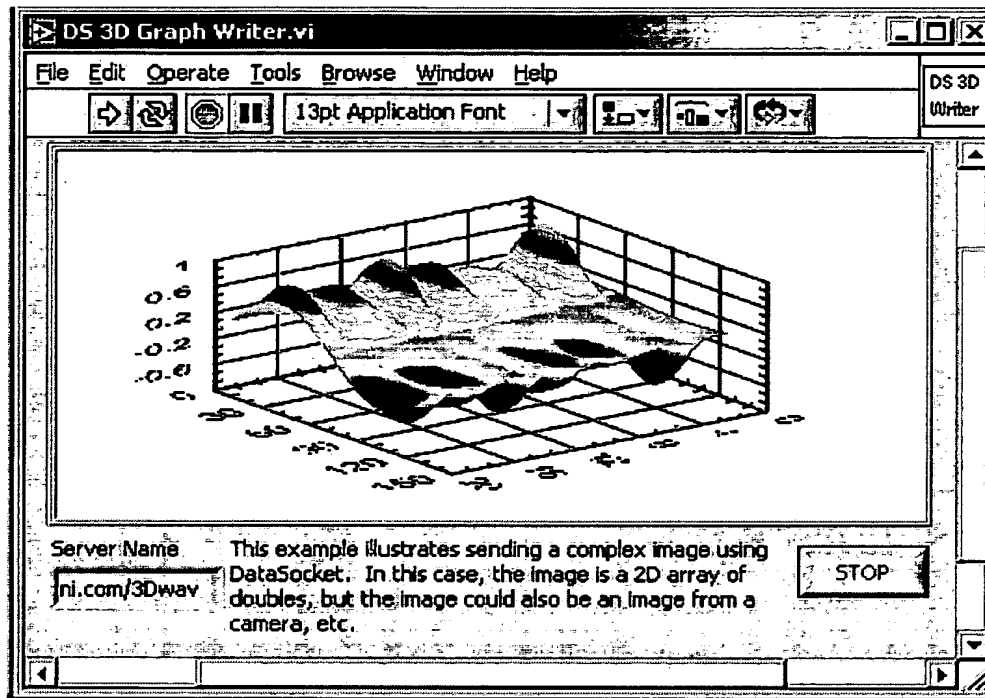


FIG. 23

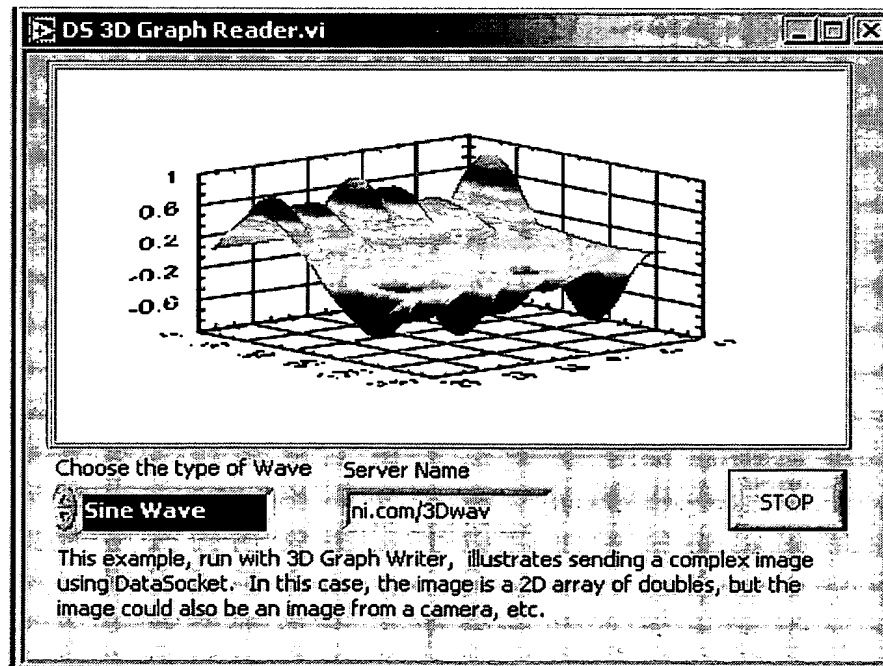


FIG. 24

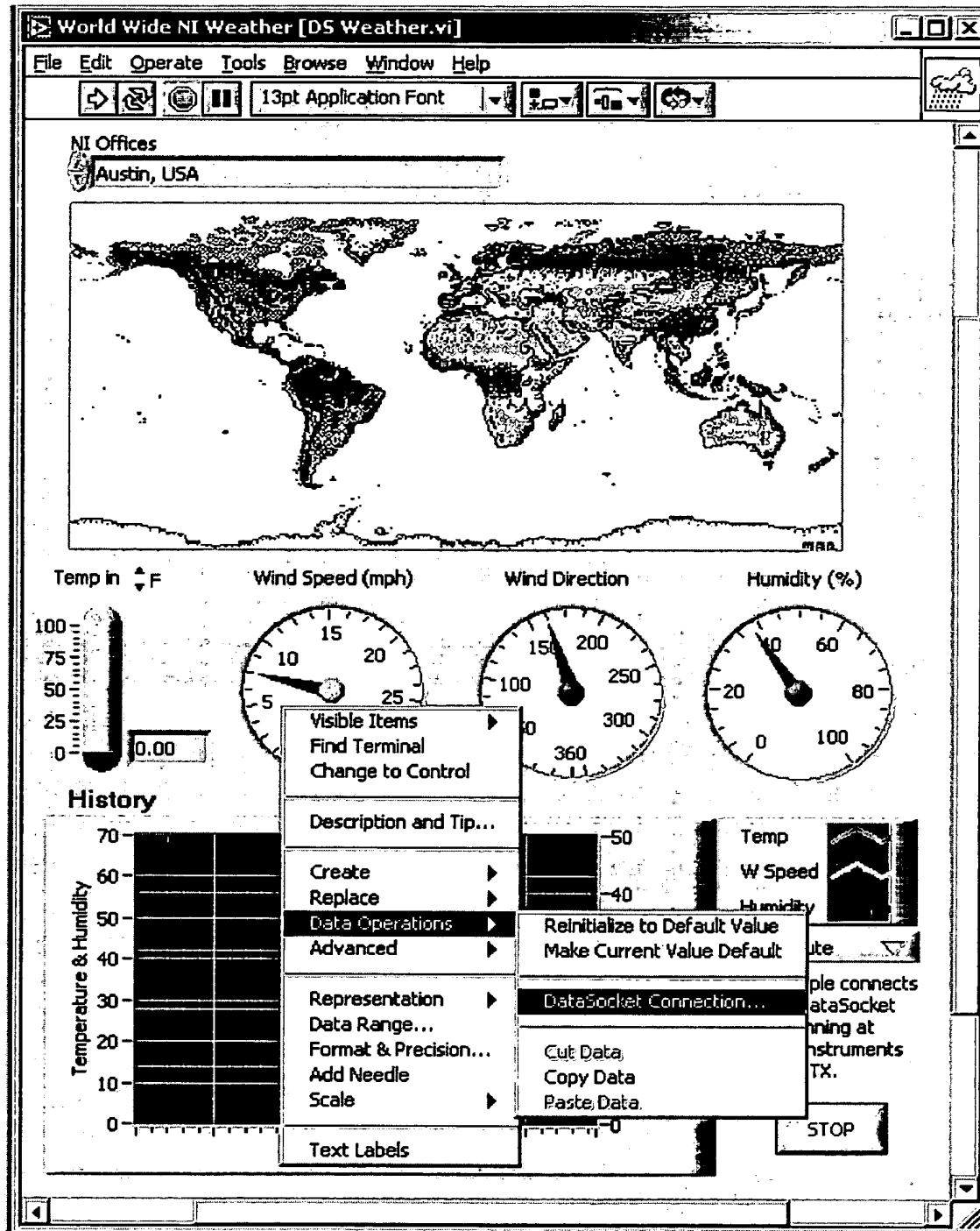


FIG. 25

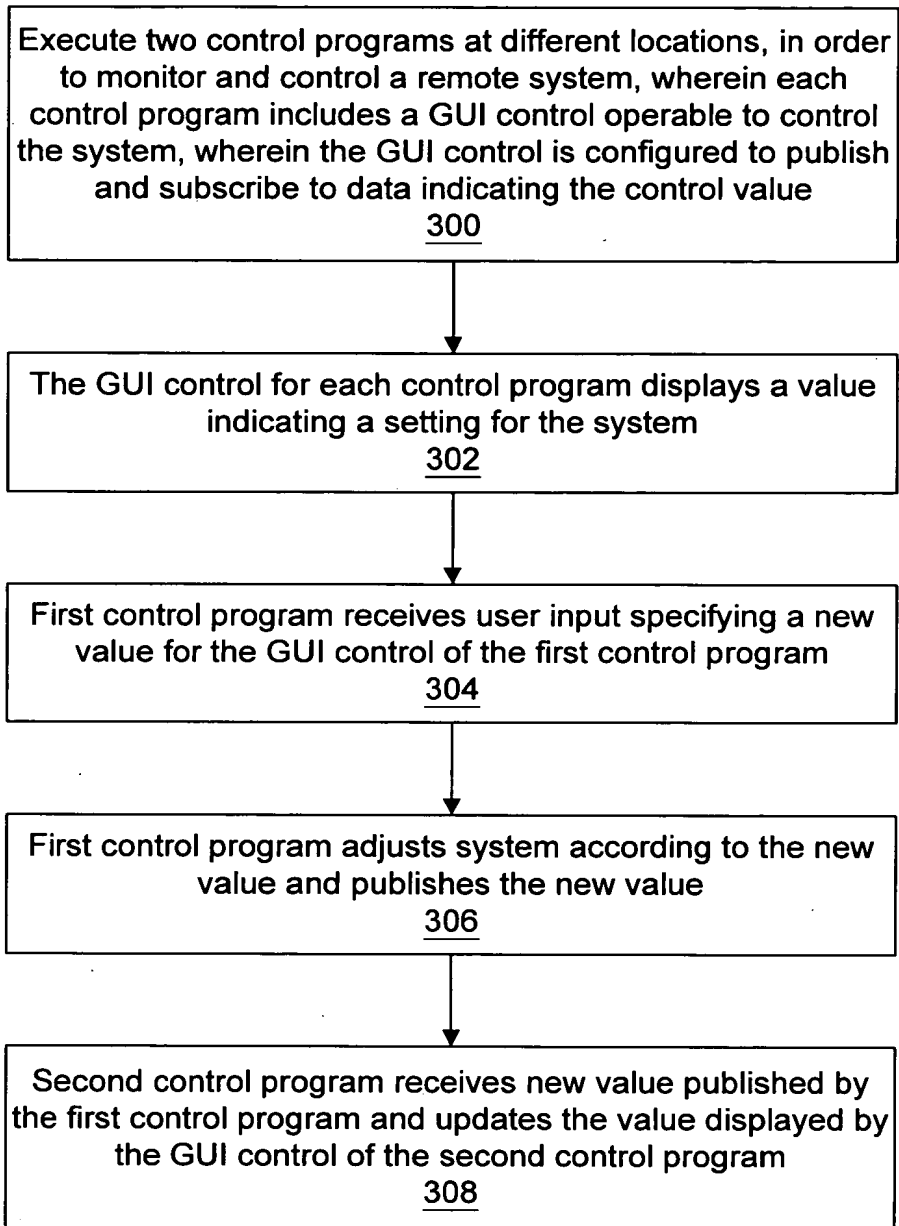


FIG. 26

Data Socket Server Example

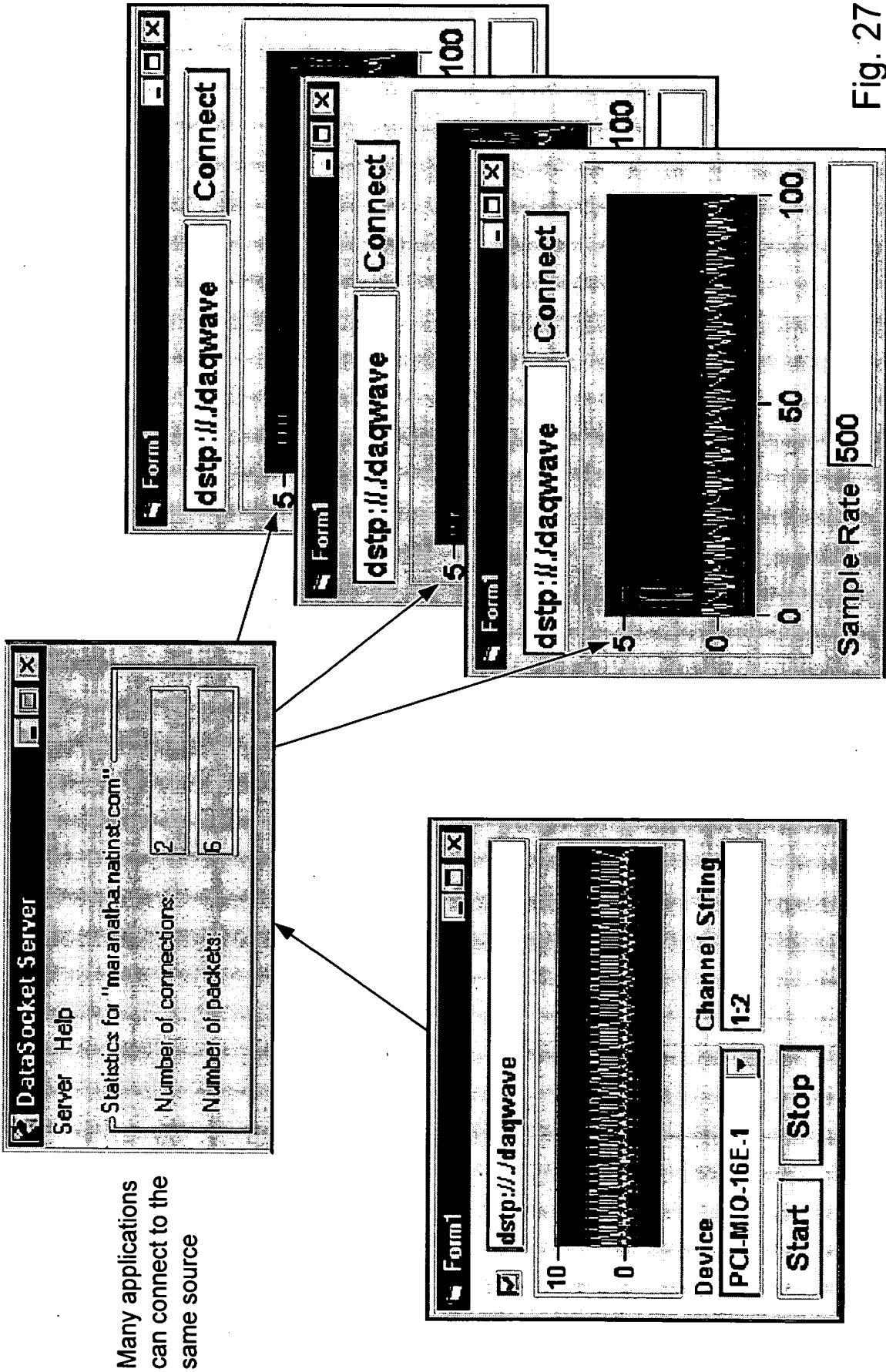


Fig. 27

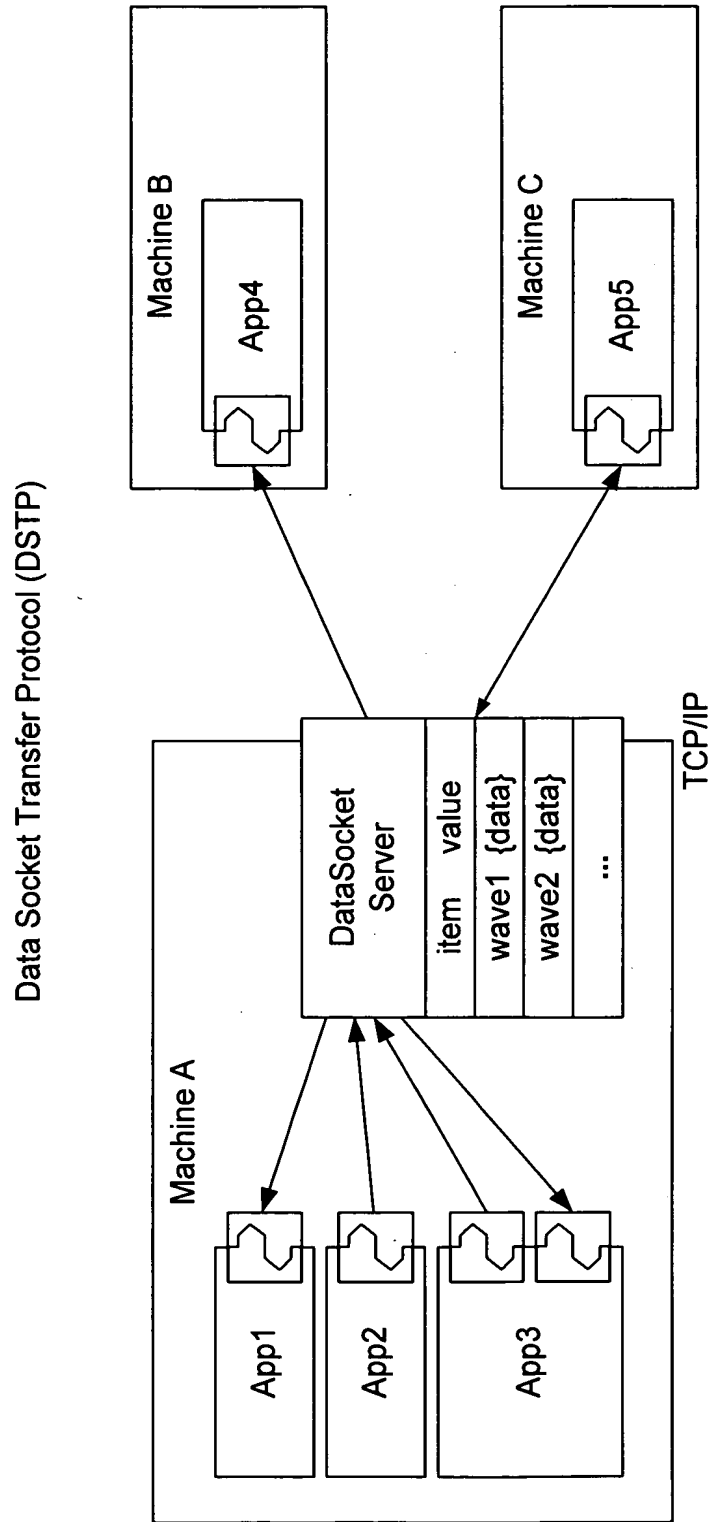


Fig. 28

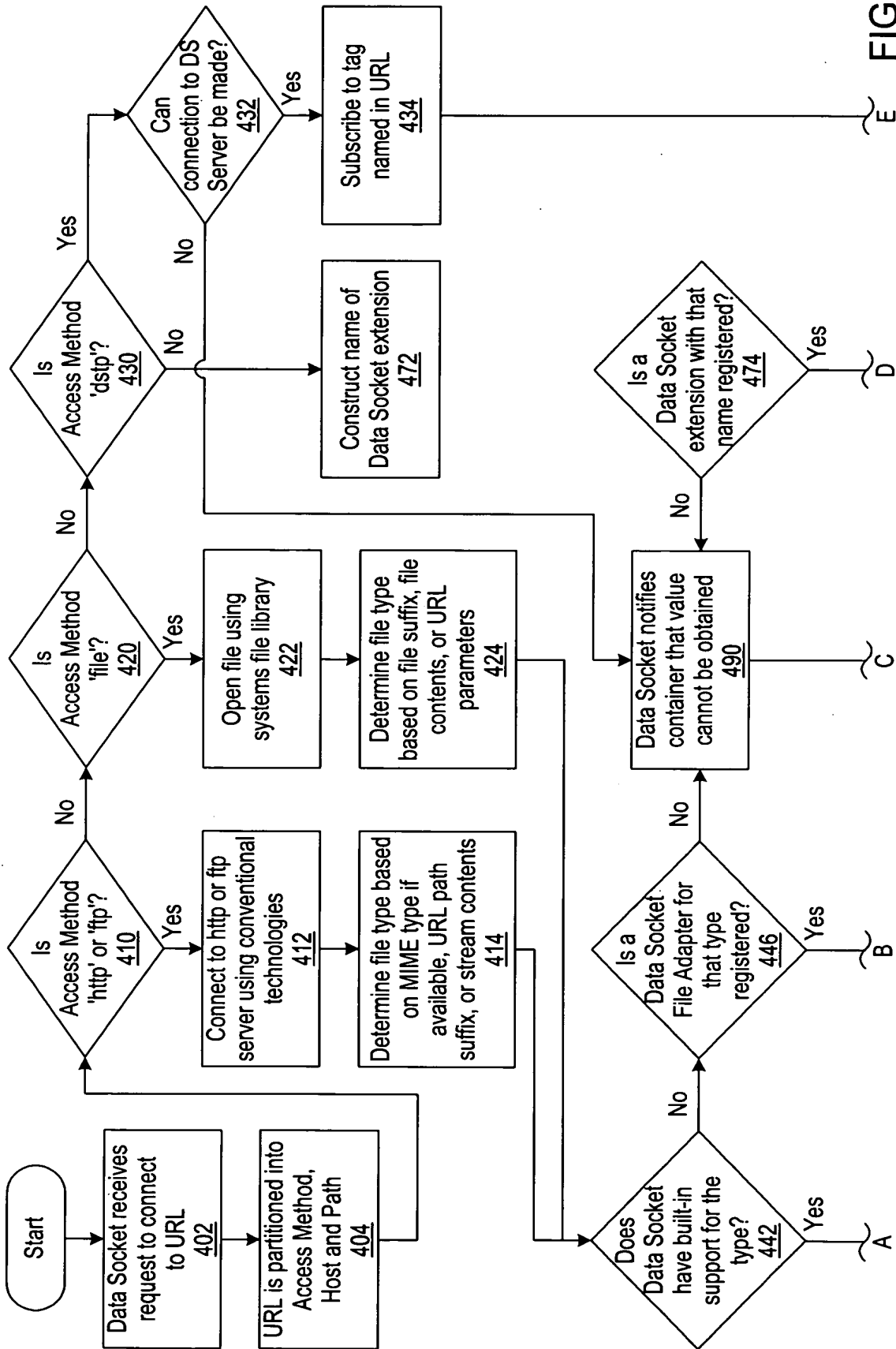


FIG. 29A

